



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

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June 30, 1987

Mr. D. C. Corkill  
Georgia Pacific Corporation  
P.O.Box 68  
Sigurd, Utah 84657

Dear Mr. Corkill:

RE: Permit Application Review: Georgia Pacific Gypsum Quarries,  
M/041/009, Sevier County, Utah

Enclosed is a copy of your 1977 Notice of Intent (MR-1 FORM) and Mine and Reclamation Plan (MR-2 FORM). We will need these applications updated before we can approve them. This update can be done by replacing the original pages and/or by attaching amendments to the original document. Items that require update are as follows:

MR FORM 1

Items such as home office, company representative, ownership, company officers, etc., should be updated as necessary. The legal description for the south quarry should be added to Exhibit A. Acreage disturbed should include mine access roads and those areas that have been mined since May, 1975 or that will be mined in the future. The plant site and drainage areas should not be included in the disturbed area. The plant site is considered an off site mill and, consequently, is not subject to Division Regulation.

The maps that accompany the permit (Exhibit B through Exhibit G) should be updated and a map for the south quarry included. The maps should show the quarries and mine roads according to the following three categories:

1. Areas mined out prior to May, 1975 and which have not been used since that time. You will not be held responsible for reclaiming these areas.
2. Areas disturbed from May, 1975 to the present.
3. Areas that you plan to mine in the future.



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MR FORM 2

The following items require changes or additions:

Item 8 Duration of Mine Operation - The mine life should be updated to correspond with the current projected mine life.

Item 9 Vegetation and Revegetation - This discussion should be changed to reflect what we mutually agreed to in the field. Frank Jensen's specific recommendations are:

Seedbed Preparation/Seeding

1. Get some topsoil material back on site.
2. Rip areas six inches deep to prepare seedbed.
3. Broadcast seed - Harrow or rake in to cover 1/4 to 1/2 inch deep - (preferably in the fall).
4. Broadcast fertilizer over area 200 lbs./acre - diammonium phosphate 18-46-0.

Seed mix for all areas

Crested wheatgrass	8
Indian ricegrass	4
Rabbitbrush	2
Big sagebrush	2
Fourwing saltbrush	2
Shadscale	2
	<u>20 lbs./acre</u>

Item 14 Access Roads - This section should contain a commitment to reclaim mine roads that are no longer required for mine operations. (Note: The main access roads may not require reclamation if they have a post mining land use.)

Item 15 Removal and Stockpiling of Surficial Materials - The original application refers back to Item 13 which doesn't adequately address this subject. This section should contain a commitment to save and stockpile soil material wherever practical.

Item 19 Part (c) - The Division recommends ripping to a depth of six inches and the application of 200 lbs./acre of diammonium phosphate 18-46-0.

Part (e) - Recommend that 50 degrees be changed to 45 degrees or that a variance be requested on Form MR-8.



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Item 20 Part (b) and (c) - This narrative should be changed to reflect your current plans for soil testing (if any) and soil treatment.

Item 21 Part (c) Revegetation Plan and Schedule - Test plots are not necessary (note: the proposed seed mix is acceptable, but considerably more expensive than the Division's recommendation).

The commitment to reclaim within one year after completion of quarrying a deposit is a good practice and we recommend that you keep it for current operations. In addition, we will require a general timetable for reclamation of the mined out areas that have not been reclaimed.

Part (f) - The qualifier "If revegetation proves practical" should be eliminated from this statement.

MR FORM 8

In March, 1978 Rule M-10 Reclamation Standards was adopted. These standards can be found on pages 91-94 of the General Rules and Regulations for Mined Land Reclamation (copy enclosed). The Division requires a commitment to these rules on Form MR-8. If necessary, variances to the rules can be requested. In your case the following variances may be applicable.

MR-10(5) Highwalls: A variance will be necessary if any highwalls are to exceed 45 degrees in slope.

MR-10(7) Roads: The Division will grant a reclamation variance for roads such as your main access road if they have an approved post mining land use. This usually requires documentation showing that the county or some other party is willing to take responsibility for maintaining the road after mining has ceased.

MR-10(12) Revegetation: A variance to the 70% revegetation requirement may be appropriate for those specific areas that are extremely steep and safety of the equipment operators precludes ripping and harrowing of the seed bed.



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Reclamation Estimate

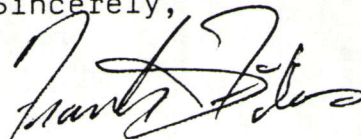
The Division will require Georgia Pacific to post a reclamation bond prior to final approval of the permit. To assist the Division in determining a reasonable surety amount, please attach a reclamation estimate which addresses each of the items below:

1. Equipment and man hours necessary to backfill and recontour quarry areas.
2. Equipment and man hours necessary to replace topsoil, and to rip and plant the disturbed areas.
3. Seed and fertilizer costs.

Note: This estimate will be adjusted to reflect the Division's cost to do this work in the unlikely event of bond forfeiture. The Division bond estimate will be based on current rental rates and projected inflation factors.

Thank you for your patience and cooperation in completing the permit requirements. The revised application should be submitted to the Division by September 1, 1987. Please contact me or Dave Wham if you should have any questions or need additional information.

Sincerely,



Frank J. Filas  
Reclamation Engineer

drg  
Enclosure  
cc: L. Braxton  
    F. Jensen  
    D. Wham  
1210R/64-67